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TRANSMITTAL LETTER  
INFORMATION DISCLOSURE STATEMENT  
PTO-1449  
REFERENCES

PAPER:

INVENTOR: JOUNG et al.

SERIAL NO.: 09/858,852

FILING DATE: May 16, 2001

RECEIVED BY THE UNITED STATES PATENT AND TRADEMARK OFFICE

Atty Dkt No. 8325-1005  
PATENT

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9/17/02 Pat S. Pasternak  
Date Signature

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

JOUNG et al.

Serial No.: 09/858,852

Art Unit: 1645

Filing Date: May 16, 2001

Examiner: Steven Post

Title: METHODS AND COMPOSITIONS FOR INTERACTION TRAP ASSAYS

**TRANSMITTAL LETTER**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is an Information Disclosure Statement, including a Form PTO-1449 and copies of the cited references. It is believed that no fee is due.

The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 which may be required by this paper, or to credit any overpayment, to Deposit Account No. 18-1648.

Respectfully submitted,

Date: 16 Sept 02

By: Dahna S. Pasternak  
Dahna S. Pasternak  
Registration No. 41,411

ROBINS & PASTERNAK LLP  
545 Middlefield Road, Suite 180  
Menlo Park, CA 94025  
Telephone: (650) 325-7812  
Facsimile: (650) 325-7823

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**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. § 1.97**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The information listed on the attached PTO-1449 forms may be material to the examination of the above-identified application. Copies of the information and completed PTO-1449 forms are submitted herewith. The Examiner is respectfully requested to make this information of official record in the application.

This Information Disclosure Statement under 37 CFR § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

Respectfully submitted,

Date: 16 Sept 02

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ROBINS & PASTERNAK LLP  
545 Middlefield Road, Ste 180  
Menlo Park, CA 94025  
Telephone: 650-325-7812  
Facsimile: 650-325-7823

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FORM PTO-1449 (Modified)  
LIST OF PATENTS AND PUBLICATIONS  
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(Use several sheets if necessary)  
Sheet 1 of 3

In the Application of JOUNG et al.

Serial No.: 09/858,852

Art Unit: 1645

Filed: May 16, 2001

Examiner: Steven Post

Title: METHODS AND COMPOSITIONS FOR INTERACTION TRAP ASSAYS

U.S. PATENT DOCUMENTS

Exam. Init.	Ref. Desig.	Document No.	Date	Name	Class	Sub Class	Filing Date
	AA-1	5,580,736	December 3, 1996	Brent et al.			
	AB-1	5,925,523	July 20, 1999	Dove et al.			
	AC-1	2002/00/061,512	May 23, 2002	Kim et al.			

FOREIGN PATENT DOCUMENTS

Exam. Init.	Ref. Desig.	Document No.	Publication Date	Country or Patent Office	Class	Sub Class	Translation YES NO
	AD-1	WO 99/14319	March 25, 1999	PCT			
	AE-1	WO 99/28744	June 10, 1999	PCT			
	AF-1	WO 99/28745	June 10, 1999	PCT			
	AG-1	WO 99/31509	June 24, 1999	PCT			
	AH-1	WO 01/60970	August 23, 2001	PCT			

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

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Date Considered:

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Sheet 2 of 3

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Serial No.: 09/858,852

Art Unit: 1645

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Examiner: Steven Post

Title: METHODS AND COMPOSITIONS FOR INTERACTION TRAP ASSAYS

Exam. Init.	Ref. Desig.	Description
	AI-1	Allen et al., "Finding Prospective Partners in the Library: The Two-Hybrid System and Phage Display Find a Match," <i>Trends Biol. Sci.</i> <u>20</u> :511-516 (1995)
	AJ-1	Brent et al., "A Eukaryotic Transcriptional Activator Bearing the DNA Specificity of a Prokaryotic Repressor," <i>Cell</i> <u>43</u> :729-736 (1985)
	AK-1	Chien et al., "The Two-Hybrid System: A Method to Identify and Clone Genes for Proteins that Interact with a Protein of Interest," <i>PNAS</i> <u>88</u> :9578-9582 (1991)
	AL-1	Durfee et al., "The Retinoblastoma Protein Associates With the Protein Phosphatase Type 1 Catalytic Subunit," <i>Genes &amp; Development</i> <u>7</u> :555-569 (1993)
	AM-1	Grossel et al., "A Yeast Two-Hybrid System for Discerning Differential Interactions Using Multiple Baits," <i>Nature Biotechnology</i> <u>17</u> :1232-1233 (1999)
	AN-1	Gyuris et al., "Cdi1, a Human G1 and S Phase Protein Phosphatase That Associates with Cdk2," <i>Cell</i> <u>75</u> :791-803 (1993)
	AO-1	Huang et al., "A Permutational Approach Toward Protein-DNA Recognition," <i>PNAS</i> <u>91</u> :3969-3973 (1994)
	AP-1	Joung et al., "A Bacterial Two-Hybrid Selection System for Studying Protein-DNA and Protein-Protein Interactions," <i>Proc. Natl. Acad. Sci. U.S.A.</i> <u>97</u> :7382-7387 (2000)
	AQ-1	Joung et al., "Identifying and Modifying Protein-DNA and Protein-Protein Interactions Using a Bacterial Two-Hybrid Selection System," <i>J. Cell. Biochem. Suppl.</i> <u>37</u> : pp.53-57 (2001)
	AR-1	Keegan et al., "Separation of DNA Binding from the Transcription-Activating Function of Eukaryotic Regulatory Protein," <i>Science</i> <u>231</u> :699-704 (1986)

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Exam. Init.	Ref. Desig.	Description
	AS-1	Ma et al., "Converting a Eukaryotic Transcriptional Inhibitor into an Activator," <i>Cell</i> <u>55</u> :443-446
	AT-1	Phizicky et al., "Protein-Protein Interactions: Methods for Detection and Analysis," <i>Microbiol. Rev.</i> <u>59</u> :94-123 (1995)
	AU-1	Rebar et al., "Phage Display Methods for Selecting Zinc Finger Proteins with Novel DNA-Binding Specificities," <i>Methods Enzymol.</i> <u>267</u> :129-149 (1996)
	AV-1	Sera and Schultz, "In Vivo Selection of Basic Region-Leucine Zipper Proteins with Altered DNA-Binding Specificities," <i>PNAS</i> <u>93</u> :2920-2925 (1996)
	AW-1	Serebriiskii et al., "A Two-Hybrid Dual Bait System to Discriminate Specificity of Protein Interactions," <i>J. Biol Chem.</i> <u>274</u> :17,080-17,087 (1999)
	AX-1	Smith et al., "Phage Display," <i>Chem. Rev.</i> <u>97</u> :391-410 (1997)
	AY-1	Uetz et al., "A Comprehensive Analysis of Protein-Protein Interactions in <i>Saccharomyces Cerevisiae</i> ," <i>Nature</i> <u>403</u> :623-627 (2000)
	AZ-1	Vojtek et al., "Mammalian Ras Interacts Directly With the Serine/Threonine Kinase Raf," <i>Cell</i> <u>74</u> :205-214 (1993)
	BA-1	Walhout et al., "Protein Interaction Mapping in <i>C. elegans</i> Using Proteins Involved in Vulval Development," <i>Science</i> <u>287</u> :116-122 (2000)

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